

FPC 48

(PE-LD)

Federal Plastics Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	22	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	12.4	MPa	ASTM D 638
Elongation at Break	135	%	ASTM D 638
Rockwell Hardness	R124	-	ASTM D 785
Izod Impact notched, 1/8 in	101	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
DTUL @ 264 psi	141	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	924	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America